

By: Senator(s) Bryan

To: Public Health and
Welfare

SENATE BILL NO. 2572

1 AN ACT TO AMEND SECTION 41-58-1, MISSISSIPPI CODE OF 1972, TO
 2 EXTEND THE DATE OF REPEAL ON THE PROVISION THAT PROVIDES FOR THE
 3 DEFINITIONS RELATED TO MEDICAL RADIATION TECHNOLOGY; TO AMEND
 4 SECTION 41-58-3, MISSISSIPPI CODE OF 1972, TO EXTEND THE DATE OF
 5 REPEAL ON THE PROVISIONS THAT ESTABLISH THE MEDICAL RADIATION
 6 ADVISORY COUNCIL AND SETS ITS POWER AND DUTIES; TO AMEND SECTION
 7 41-58-5, MISSISSIPPI CODE OF 1972, TO EXTEND THE DATE OF REPEAL ON
 8 THE PROVISIONS THAT ALLOW A FEE TO BE CHARGED BY THE BOARD OF
 9 CHIROPRACTIC EXAMINERS AND THE STATE BOARD OF MEDICAL LICENSURE
 10 FOR EACH INDIVIDUAL WHOM THE BOARD CERTIFIES AS HAVING COMPLETED
 11 CONTINUING EDUCATION REQUIREMENTS; AND FOR RELATED PURPOSES.

12 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MISSISSIPPI:

13 **SECTION 1.** Section 41-58-1, Mississippi Code of 1972, is
 14 amended as follows:

15 41-58-1. As used in this chapter:

16 (a) "Department" means the Mississippi State Department
 17 of Health.

18 (b) "Licensed practitioner" means a person licensed or
 19 otherwise authorized by law to practice medicine, dentistry,
 20 chiropractic, osteopathy or podiatry, or a licensed nurse
 21 practitioner or physician assistant.



22 (c) "Ionizing radiation" means x-rays and gamma rays,
23 alpha and beta particles, high-speed electrons, neutrons and other
24 nuclear particles.

25 (d) "X-radiation" means penetrating electromagnetic
26 radiation with wavelengths shorter than ten (10) nanometers
27 produced by bombarding a metallic target with fast electrons in a
28 vacuum.

29 (e) "Supervision" means responsibility for, and control
30 of, quality radiation safety and protection, and technical aspects
31 of the application of ionizing radiation to human beings for
32 diagnostic and/or therapeutic purposes.

33 (f) "Medical radiation technology" means the science
34 and art of applying ionizing radiation to human beings for
35 diagnostic and/or therapeutic purposes. The four (4) specialized
36 disciplines of medical radiation technology are diagnostic
37 radiologic technology, nuclear medicine technology, radiation
38 therapy and limited x-ray machine operator.

39 (g) "Radiologic technologist" means a person other than
40 a licensed practitioner who has passed a national certification
41 examination recognized by the department such as the American
42 Registry of Radiologic Technologists examination or its
43 equivalent, who applies x-radiation or ionizing radiation to any
44 part of the human body for diagnostic purposes and includes the
45 administration of parenteral and enteral contrast media and



46 administration of other medications or procedures incidental to
47 radiologic examinations.

48 (h) "Nuclear medicine technologist" means a person
49 other than a licensed practitioner who has passed a national
50 certification examination recognized by the department such as the
51 American Registry of Radiologic Technologists examination or the
52 Nuclear Medicine Technology Certification Board examination or its
53 equivalent, who performs in vivo imaging and measurement
54 procedures and in vitro nonimaging laboratory studies, prepares
55 radiopharmaceuticals, and administers diagnostic/therapeutic doses
56 of radiopharmaceuticals and administers other medications or
57 procedures incidental for nuclear medicine exams to human beings
58 while under the supervision of a licensed practitioner who is
59 licensed to possess and use radioactive material. A certified
60 nuclear medicine technologist also may perform diagnostic CT exams
61 on hybrid equipment for diagnostic purposes, including the
62 administration of parenteral and enteral contrast media and
63 administration of other medications or procedures incidental to CT
64 exams. Certified nuclear medicine technologists who perform CT
65 scans must be certified in CT by the American Registry of
66 Radiologic Technologists, the Nuclear Medicine Technology
67 Certification Board, or other CT certifying body. A certified
68 nuclear medicine technologist may do on-the-job training on hybrid
69 equipment provided that the certified nuclear medicine



70 technologist is supervised by a certified technologist and obtains
71 a CT certification within six (6) months of that training.

72 (i) "Radiation therapist" means a person other than a
73 licensed practitioner who has passed a national certification
74 examination recognized by the department such as the American
75 Registry of Radiologic Technologists examination or its
76 equivalent, who applies x-radiation and the ionizing radiation
77 emitted from particle accelerators, cobalt sixty (60) units and
78 sealed sources of radioactive material to human beings for
79 therapeutic purposes while under the supervision of a licensed
80 radiation oncologist or a board-certified radiologist who is
81 licensed to possess and use radioactive material.

82 (j) "Limited x-ray machine operator" means a person
83 other than a licensed practitioner or radiologic technologist who
84 is issued a permit by the State Board of Medical Licensure to
85 perform medical radiation technology limited to specific
86 radiographic procedures on certain parts of the human anatomy,
87 specifically the chest, abdomen and skeletal structures, and
88 excluding fluoroscopic, both stationary and mobile (C-arm), and
89 contrast studies, computed tomography, nuclear medicine, radiation
90 therapy studies and mammography.

91 (k) "Council" means the Medical Radiation Advisory
92 Council created under Section 41-58-3.

93 This section shall stand repealed on July 1, * * * 2026.



94 **SECTION 2.** Section 41-58-3, Mississippi Code of 1972, is
95 amended as follows:

96 41-58-3. (1) The department shall have full authority to
97 adopt such rules and regulations not inconsistent with the laws of
98 this state as may be necessary to effectuate the provisions of
99 this chapter, and may amend or repeal the same as may be necessary
100 for such purposes.

101 (2) There shall be established a Medical Radiation Advisory
102 Council to be appointed as provided in this section. The council
103 shall consist of ten (10) members as follows:

104 (a) One (1) radiologist who is an active practitioner
105 and member of the Mississippi Radiological Society;

106 (b) One (1) licensed family physician;

107 (c) One (1) licensed practitioner;

108 (d) Two (2) registered radiologic technologists;

109 (e) One (1) nuclear medicine technologist;

110 (f) One (1) radiation therapist;

111 (g) One (1) radiation physicist;

112 (h) One (1) hospital administrator; and

113 (i) The State Health Officer, or his designee, who
114 shall serve as ex officio chairman with no voting authority.

115 (3) The department shall, following the recommendations from
116 the appropriate professional state societies and organizations,
117 including the Mississippi Radiological Society, the Mississippi
118 Society of Radiologic Technologists, and the Mississippi State



119 Nuclear Medicine Society, and other nominations that may be
120 received from whatever source, appoint the members of the council
121 as soon as possible after April 13, 1996. Any person serving on
122 the council who is a practitioner of a profession or occupation
123 required to be licensed, credentialed or certified in the state
124 shall be a holder of an appropriate license, credential or
125 certificate issued by the state. All members of the council shall
126 be residents of the State of Mississippi. The council shall
127 promulgate such rules and regulations by which it shall conduct
128 its business. Members of the council shall receive no salary for
129 services performed on the council but may be reimbursed for their
130 reasonable and necessary actual expenses incurred in the
131 performance of the same, from funds provided for such purpose.
132 The council shall assist and advise the department in the
133 development of regulations and standards to effectuate the
134 provisions of this chapter.

135 (4) A radiologic technologist, nuclear medicine technologist
136 or radiation therapist shall not apply ionizing or x-radiation or
137 administer radiopharmaceuticals to a human being or otherwise
138 engage in the practice of medical radiation technology unless the
139 person possesses a valid registration issued by the department
140 under the provisions of this chapter.

141 (5) The department may issue a temporary registration to
142 practice a specialty of medical radiation technology to any
143 applicant who has completed an approved program, who has complied



144 with the provisions of this chapter, and is awaiting examination
145 for that specialty. This registration shall convey the same
146 rights as the registration for which the applicant is awaiting
147 examination and shall be valid for one (1) six-month period.

148 (6) The department may charge a registration fee of not more
149 than Fifty Dollars (\$50.00) biennially to each person to whom it
150 issues a registration under the provisions of this chapter. Any
151 increase in the fee charged by the department under this
152 subsection shall be in accordance with the provisions of Section
153 41-3-65.

154 (7) Registration with the department is not required for:

155 (a) A student enrolled in and participating in an
156 accredited course of study approved by the department for
157 diagnostic radiologic technology, nuclear medicine technology or
158 radiation therapy, who as a part of his clinical course of study
159 applies ionizing radiation to a human being while under the
160 supervision of a licensed practitioner, registered radiologic
161 technologist, registered nuclear medicine technologist or
162 registered radiation therapist;

163 (b) Laboratory personnel who use radiopharmaceuticals
164 for in vitro studies;

165 (c) A dental hygienist or a dental assistant who is not
166 a radiologic technologist, nuclear medicine technologist or
167 radiation therapist, who possesses a radiology permit issued by



168 the Board of Dental Examiners and applies ionizing radiation under
169 the specific direction of a licensed dentist;

170 (d) A chiropractic assistant who is not a radiologic
171 technologist, nuclear medicine technologist or radiation
172 therapist, who possesses a radiology permit issued by the Board of
173 Chiropractic Examiners and applies ionizing radiation under the
174 specific direction of a licensed chiropractor;

175 (e) An individual who is permitted as a limited x-ray
176 machine operator by the State Board of Medical Licensure and
177 applies ionizing radiation in a physician's office, radiology
178 clinic or a licensed hospital in Mississippi under the specific
179 direction of a licensed practitioner; and

180 (f) A student enrolled in and participating in an
181 accredited course of study for diagnostic radiologic technology,
182 nuclear medicine technology or radiation therapy and is employed
183 by a physician's office, radiology clinic or a licensed hospital
184 in Mississippi and applies ionizing radiation under the specific
185 direction of a licensed practitioner.

186 (8) Nothing in this chapter is intended to limit, preclude,
187 or otherwise interfere with the practices of a licensed
188 practitioner who is duly licensed or registered by the appropriate
189 agency of the State of Mississippi, provided that the agency
190 specifically recognizes that the procedures covered by this
191 chapter are within the scope of practice of the licensee or
192 registrant.



193 (9) (a) If any radiologic technologist, nuclear medicine
194 technologist or radiation therapist violates any provision of this
195 chapter or the regulations adopted by the department, the
196 department shall suspend or revoke the registration and practice
197 privileges of the person or issue other disciplinary actions in
198 accordance with statutory procedures and rules and regulations of
199 the department.

200 (b) If any person violates any provision of this
201 chapter, the department shall issue a written warning to the
202 licensed practitioner or medical institution that employs the
203 person; and if that person violates any provision of this chapter
204 again within three (3) years after the first violation, the
205 department may suspend or revoke the permit or registration for
206 the x-radiation and ionizing equipment of the licensed
207 practitioner or medical institution that employs the person, in
208 accordance with statutory procedures and rules and regulations of
209 the department regarding suspension and revocation of those
210 permits or registrations.

211 (10) This section shall stand repealed on July 1, * * *
212 2026.

213 **SECTION 3.** Section 41-58-5, Mississippi Code of 1972, is
214 amended as follows:

215 41-58-5. (1) Each registered radiologic technologist,
216 registered nuclear medicine technologist and registered radiation
217 therapist shall submit evidence to the department of completing



218 twenty-four (24) hours of continuing education in a two-year
219 period as described in the rules and regulations of the
220 department.

221 (2) Each limited x-ray machine operator who is first
222 employed to apply ionizing radiation in the State of Mississippi
223 shall complete twelve (12) hours of education in radiologic
224 technology, with six (6) of those hours specifically in radiation
225 protection, not later than twelve (12) months after the date of
226 his or her employment to apply ionizing radiation, and shall
227 thereafter submit evidence to the State Board of Medical Licensure
228 of completing twelve (12) hours of continuing education in a
229 two-year period as described in the rules and regulations of the
230 State Board of Medical Licensure. Six (6) of the continuing
231 education hours must be in radiation protection.

232 (3) Each individual who is exempt from registration under
233 paragraph (d) of Section 41-58-3(7) shall complete twelve (12)
234 hours of continuing education in a two-year period as described in
235 the rules and regulations of the department. Six (6) of the
236 continuing education hours must be in radiation protection.

237 (4) Each individual who is exempt from registration under
238 paragraph (d) of Section 41-58-3(7) and who is first employed to
239 apply ionizing radiation in the State of Mississippi shall
240 complete twelve (12) hours of education in radiologic technology,
241 with six (6) of those hours specifically in radiation protection,



242 not later than twelve (12) months after the date of his or her
243 employment to apply ionizing radiation.

244 (5) The department shall approve training sessions that will
245 provide the continuing education required under this section in
246 each of the junior/community college districts in the state, with
247 at least one (1) training session being held during each quarter
248 of the year.

249 (6) The Board of Chiropractic Examiners and the State Board
250 of Medical Licensure may charge a fee of not more than Fifty
251 Dollars (\$50.00) biennially to each individual whom the board
252 certifies as having completed the continuing education
253 requirements of this section.

254 (7) This section shall stand repealed on July 1, * * * 2026.

255 **SECTION 4.** This act shall take effect and be in force from
256 and after July 1, 2023.

